



Delivering Excellence Every Day

Regulatory and Economic Resources
Herbert S. Saffir Permitting and Inspection Center
11805 S.W. 26th Street
Miami, FL 33175-2474
786-315-2100
miamidade.gov/permits

CONTACT INFORMATION FOR PERMIT APPLICATION

Dear Applicant:

Please complete the following information. Your email address is required so you can be notified on the status of your plans.

First Name: (PRINT CLEARLY) Maya Last Name: (PRINT CLEARLY) Bowles

Cellular Number: 786-299-7714 Office/Home Number: _____

EMAIL Address: _____

Comments: _____

Re Roof

If you are submitting a municipal plan, please provide the municipal process number(s) and ensure the municipal application is in the office set of plans _____

PLEASE INDICATE IF PLANS ARE

☐ GOV'T PROJECT/ DEPT _____ ☐ GREEN BLDG (NEW CONSTRUCTION ONLY)* ☐ PACE PROJECT*
☐ AFFORDABLE/ WORKFORCE HOUSING* ☐ ECONOMIC SIGNIFICANCE*

(*Pursuant to Ordinance 99-140; Ordinance 05-115; and Ordinance 08-51. Project may have additional requirements.)

REQUESTED REVIEWS

☐ ALL ☐ BLDG ☐ DERM ☐ ELEC ☐ ENRG ☐ FIRE
☐ HCAP ☐ LANDSCAPING ☐ MECH ☐ PLUM ☐ PWKS ☐ PWCC
☒ ROOF ☐ SIGN ☐ STRU ☐ ZNPR ☐ WASD ☐ PWIF
☐ PERMIT BY AFFIDAVIT CHECK ☐ SHORT TERM EVENT AFFIDAVIT CHECK ☐ OPTIONAL PLAN REVIEW
☐ BLDG ☐ ELEC ☐ MECH ☐ PLUM ☐ STRU

-FOR OFFICE USE ONLY-

TO BE COMPLETED BY BUILDING AND OCCUPANCY REPRESENTATIVE OR PLANS PROCESSING SPECIALIST:

Application Date: 9/1/16 Clerk Name: Glicene Arrival Time: 11:13

Process No(s): CA0106177272

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

0001124570 - 9/2/2016 9:14:34 AM
☐ Re-Issue ☐ Plan Revision
☐ Rework ☐ Shop Drawing

cs.pdf

Rev 07/15

MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
<http://www.miamidade.gov/building/home.asp>
9/2/2016 9:14:34 AM

Tracking #	Process #	Permit #
0001124570	C2016177272	2016064898

THIS COPY OF PLANS MUST BE AVAILABLE ON BUILDING SITE OR AN INSPECTION WILL NOT BE MADE.

Review	Disposition	Reviewer	Date
ROOF	A	Boris Sursky	9/1/2016 1:21:52 PM

Disclaimer.

Subject to compliance with all Federal, State, and County Laws, rules and regulations. Miami-Dade County assumes no responsibility for accuracy of or results of these plans.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to the property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

Stamp Name	Trade	Disposition	Stamp Description
Approved	ROOF	A	Approved

NOTE: ALL SHEETS MUST BE REVIEWED

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

Herbert S. Saffir Permitting and Inspection Center

11805 SW 26th Street (Coral Way), • Miami, Florida 33175-2474 • (786) 315-2000

PERMIT APPLICATION

C201417722

123_01-52 PAGE 1 9/12

IF SUBSIDIARY PROVIDE MASTER PERMIT NUMBER HERE

LOCATION OF IMPROVEMENTS	Job Address <u>8435 NW 31CT</u>	CONTRACTOR INFORMATION	Contractor No. <u>0001330993</u>
	Folio <u>3031090061260</u>		Last four (4) digits of Qualifier No. <u>3078</u>
TYPE OF IMPROVEMENTS	Lot <u>Anderson</u> Block <u>53</u> Pbg <u>43</u>	Contractor Name <u>YOUSIE ROOFING</u>	Qualifier Name <u>Federick Spencer</u>
	Subdivision <u>Anderson</u> PBpg <u>53 43</u>	Address <u>1811 SW 91 Ave</u>	City <u>Miramar</u> State <u>FL</u> Zip <u>33025</u>
PERMIT TYPE	<input type="checkbox"/> New Construction on Vacant Land	OWNER'S NAME	Current use of property _____
	<input type="checkbox"/> Alteration Interior		Description of Work <u>RE ROOF SHINGLE/FLET.</u>
PERSON TO PICK UP PLANS	<input type="checkbox"/> Alteration Exterior	Sq. Ft. _____ Units _____ Floors _____	Value of Work <u>\$9,000</u>
	<input type="checkbox"/> Relocation of Structure	Owner <u>Yvonne Maxwell</u>	Address <u>8435 NW 31CT.</u>
BONDING	<input type="checkbox"/> Short Term Event	City _____ State _____ Zip _____	Phone _____
	<input type="checkbox"/> New Roof	Last four (4) digits of Owner's Social Security No. _____	
PERMIT TYPE	<input type="checkbox"/> Recovery (Roof)	ARCHITECT ENGINEER	Name _____
	<input type="checkbox"/> Permit by Affidavit		Address _____
PERMIT TYPE	<input type="checkbox"/> Building* <u>92/95</u>	Name _____	City _____ State _____ Zip _____
	<input type="checkbox"/> Electrical		Phone _____
PERSON TO PICK UP PLANS	<input type="checkbox"/> Mechanical	Name _____	Address _____
	<input type="checkbox"/> Plumbing		City _____ State _____ Zip _____
BONDING	<input type="checkbox"/> LPGX	Name _____	Phone _____
	<input type="checkbox"/> Chg. Contractor		Address _____
PERSON TO PICK UP PLANS	<input type="checkbox"/> Re-Issue	Name _____	City _____ State _____ Zip _____
	<input type="checkbox"/> Extension		Phone _____
BONDING	<input type="checkbox"/> Supplement	Name _____	Address _____
	<input type="checkbox"/> Reinspection		City _____ State _____ Zip _____
PERSON TO PICK UP PLANS	<input type="checkbox"/> Foundation Only	Name _____	Phone _____
			Address _____
BONDING		Name _____	City _____ State _____ Zip _____
			Phone _____



0001124570

*See reverse side for Building Category

Application is hereby made to obtain a permit to do work and installation as indicated. I certify in this jurisdiction. I understand that separate permits are required for ELECTRICAL, PLUMBING, MECHANICAL, WINDOW, SHUTTERS and ROOFING WORK and there may be additional permits required for other governmental entities.

OWNER'S/PERMIT APPLICANT AFFIDAVIT: I certify that all of the foregoing information is accurate and that I have no unpaid civil penalties, administrative hearing cost investigative, enforcement, testing or monitoring costs or unpaid liens which are owed to Miami-Dade County.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR ATTORNEY OR LENDER BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

"The issuance of the permit does not relieve the property owner from obtaining homeowner's association approval (if required) prior to beginning any work and in no way authorizes work that is in violation of any association rule or regulation."

Signature of Owner or Owner's Agent Yvonne Maxwell
PRINT NAME YVONNE MAXWELL

STATE OF FLORIDA COUNTY OF MIAMI-DADE

Miami-Dade County Department of Regulatory and Economic Resources - Job Copy

day of Sept, 2016
0001124570 - 9/2/2016 9:14:34 AM

Signature of Notary Public Natasha M Marksman
(SEAL) Natasha M Marksman
Personally known or Produced Identification
Notary Public State of Florida
My Commission GG 013094
Expires 10/12/2020

Signature of Qualifier Federick Spencer
PRINT NAME Federick Spencer

STATE OF FLORIDA COUNTY OF MIAMI-DADE

day of Sept, 2016
by

Signature of Notary Public Natasha M Marksman
Print Name Natasha M Marksman
(SEAL) Natasha M Marksman
Personally known or Produced Identification
Notary Public State of Florida
My Commission GG 013094
Expires 10/12/2020

Florida Building Code 5th Edition (2014)
High-Velocity Hurricane Zone Uniform Permit Application Form

Section D (Steep Sloped Roof System)

Roof System Manufacturer: <u>67AF</u>
Notice of Acceptance Number: <u>14-1022.16</u>
Minimum Design Wind Pressures, If Applicable (From RAS 127 or Calculations): P1: _____ P2: _____ P3: _____
Maximum Design Pressure (From the NOA Specific System): _____
Method of tile attachment: _____

Steep Sloped Roof System Description

Roof Slope: <u>3</u> : 12	Deck Type: <u>WOOD (PLYWOOD 1X6 T&G)</u>
	Type Underlayment: <u>30# ASTM</u>
	Insulation: <u>N/A</u>
	Fire Barrier: <u>N/A</u>
Ridge Ventilation? <u>N/A</u>	Fastener Type & Spacing: <u>1/4" RSNails @ 15" on center</u>
	Adhesive Type: <u>N/A</u>
	Type Cap Sheet: <u>N/A</u>
Mean Roof Height: <u>15'</u>	Roof Covering: <u>Asph/Flt Shingles</u>
	Type & Size Drip Edge: <u>3x3 24g.</u>

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plans 9-1-161.pdf

Examiner Date Time Stamp Dept. Trade Stamp Name

Boris Slesky 9/1/2016 1:20:54 PM A ROOF Approved

Permit Records Section
Scanned by <u>[Signature]</u>
Date _____



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

GAF
1 Campus Drive
Parsippany, NJ 07054

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF Royal Sovereign® Shingle

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA 12-1127.03 and consists of pages 1 through 4.
The submitted documentation was reviewed by Juan E. Collao, R.A.

Miami-Dade County Department of Regulatory and Economic Resources - Job Copy

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plans 9-1-161.pdf

Examiner **Date Time Stamp** **Disp. Trade Stamp Name**
Exam: Sinsky **09/02/2016 1:20:54 PM A** **ROOF Approved**

NOA No.: 14-1022.16

Expiration Date: 04/22/18

Approval Date: 02/05/15

Page 1 of 4

Permit Records Section
Scanned by: *[Signature]*
Date: *[Signature]*

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: Asphalt Shingles
Materials: 3-Tab
Deck Type: Wood

SCOPE

This approves **GAF Royal Sovereign® Shingle** as manufactured by GAF as described in this Notice of Acceptance, designed to comply with the Florida Building Code and the High Velocity Hurricane Zone of the Florida Building Code.

PRODUCT DESCRIPTION

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
GAF Royal Sovereign® Shingle	12" x 36"	TAS 110	Fiberglass reinforced heavy weight asphalt roof shingle, with a 3-Tab profile

MANUFACTURING LOCATIONS

1. Savannah, GA.
2. Tuscaloosa, AL.
3. Tampa, FL.
4. Mt. Vernon, IN.
5. Mobile, AL.
6. Dallas, TX.
7. Myerstown, PA.
8. Fontana, CA.
9. Minneapolis, MN.

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Center for Applied Engineering	TAS 100		02/23/94
	ASTM D3462	257966	03/21/97
PRI Asphalt Technologies, Inc.	TAS 100	GAF-105-02-01	11/14/05
	TAS 100	GAF-182-02-01	02/07/08
PRI Construction Materials Technologies, Inc.	TAS 100	GAF-332-02-01	01/17/12
	TAS 100	GAF-376-02-01	10/15/12
	TAS 100	GAF-153-02-01	11/30/06
Underwriters Laboratories, Inc.	TAS 107	05CA48258	11/28/05
	TAS 107	05CA47804	11/11/05
	TAS 107	08NK12906	03/12/08
	TAS 107	11CA47919	10/10/08
	ASTM D 3161 / TAS 107	09CA41642	12/03/11
	ASTM D 3161 / TAS 107	09CA38549	09/28/10
			10/30/09

Miami Dade County Department of Regulatory and Economic Resources

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Examiner Date Time Stamp

MIAMI-DADE COUNTY

Exam Stamp: 09/02/2016 1:20:54 PM A

Disp. Trade Stamp Name

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Date: _____

Permit Records Section

NOA No.: 14-1022.16

Expiration Date: 04/22/18

Approval Date: 02/05/15

Page 2 of 4

EVIDENCE SUBMITTED (CONTINUED)

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Underwriters Laboratories, Inc.	ASTM D 3462	ASTM D3462	09/12/06
	ASTM D 3462	08NK02337	03/12/08
	ASTM D 3462	09CA21715	05/20/09
	ASTM D 3462	08CA61515	07/15/09
	ASTM D 3462	11CA47919	12/03/11

LIMITATIONS

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Shall not be installed on roof mean heights in excess of 33 ft.
3. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

INSTALLATION

1. Shingles shall be installed in compliance with Roofing Applications Standard RAS 115.
2. Flashing shall be in accordance with Roofing Applications Standard RAS 115.
3. The manufacturer shall provide clearly written application instruction.
4. Exposure and course layout shall be in compliance with Detail "A", attached.
5. Nailing shall be in compliance with Detail "B", attached.

LABELING

Shingles shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



BUILDING PERMIT REQUIREMENTS

1. Application for building permit shall be accompanied by copies of the following:
 - 1.1 This Notice of Acceptance.
 - 1.2 Any other documents required by the Building Official or the applicable code in order to properly evaluate the installation of this system.

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

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plans 9-1-161.pdf

Examiner Date/Time Stamp Disc. Trade Stamp Name

Exam: Shirley APR 2016 4:20:54 PM A

ROOF Approved

Permit Records Section	
Scanned by: <u>891110</u>	
Date: _____	

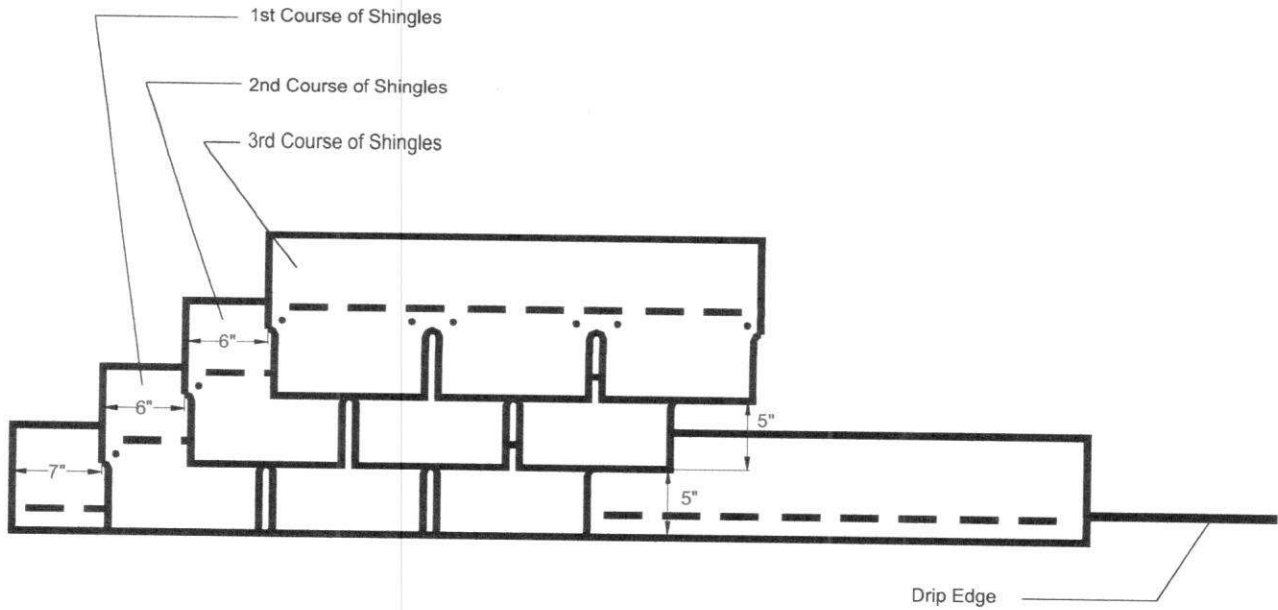
NOA No.: 14-1022.16

Expiration Date: 04/22/18

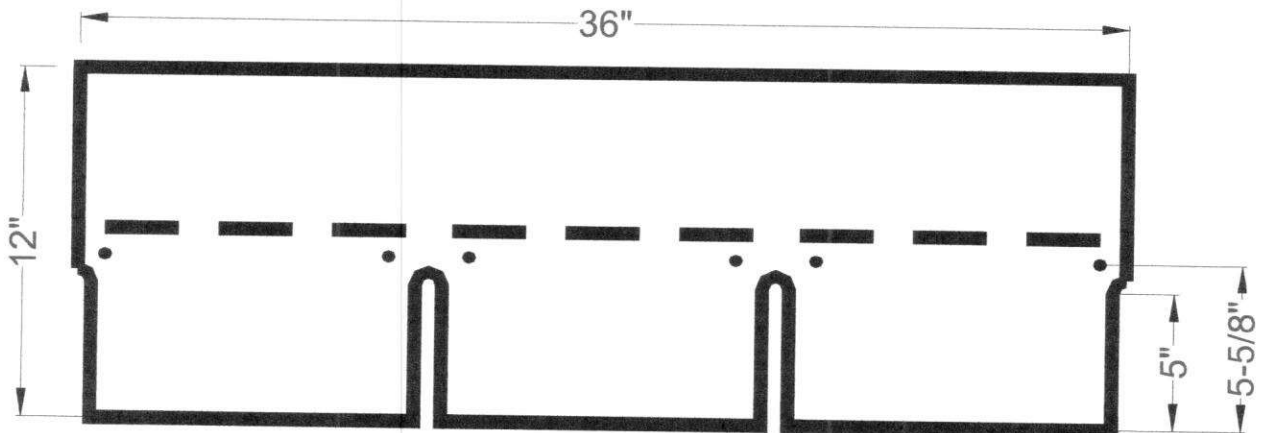
Approval Date: 02/05/15

Page 3 of 4

DETAIL A COURSE LAYOUT



DETAIL B OVERALL DIMENSIONS AND NAILING PATTERN



END OF THIS ACCEPTANCE

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

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plans 9-1-161.pdf

Examiner Date/Time Stamp Disc. Trade Stamp Name

Examiner: [Signature] Date/Time Stamp: 09/02/2016 1:20:54 PM A

ROOF Approved

Permit Records Section

Scanned by: [Signature]

Date: [Signature]

NOA No.: 14-1022.16

Expiration Date: 04/22/18

Approval Date: 02/05/15

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TFWZ.R21 Prepared Roof-covering Materials

[Page Bottom](#)

Prepared Roof-covering Materials

[See General Information for Prepared Roof-covering Materials](#)

GAF

1 CAMPUS DR
PARSIPPANY, NJ 07054 USA

R21

Asphalt glass fiber mat shingles - "Royal Sovereign®", "Sentinel®", "Sentinel® ASTM D3462", "Timberline® HD", "Timberline® Natural Shadow", "Timberline® Ultra HD", "Timberline® Cool Series", "Timberline® Majestic 30", "Timberline® American Harvest™", "Fortitude™", "Timberline® ArmorShield™ II", "Grand Timberline®", "Marquis® WeatherMax®", "Grand Canyon™", "Grand Sequoia®", "Grand Sequoia® IR", "Camelot®", "Camelot® II", "Capstone®", "Country Mansion®", "Country Mansion® II", "Grand Slate™", "Grand Slate™ II", "Slateline®", "Woodland®", "Monaco™", "Sienna®" and "Glenwood™" for installation as Class A prepared roof covering. Suitable for installation on minimum 3/8-in. thick plywood roof decks in combination with minimum one ply "Shingle-Mate" or Type 15 or Type 30 underlayment. Also Classified in accordance with ASTM D3161, Class F. Also Classified in accordance with ASTM D3462/D3462M. Also Classified in accordance with ICC ES AC438.

Asphalt glass fiber mat shingles - "WeatherBlocker Starter Strip Shingles", and "Pro-Start™ Starter Strip Shingles" for installation as Class A roof covering. Suitable for installation on minimum 3/8-in. thick plywood in combination with minimum one ply "Shingle-Mate" or Type 15 or Type 30 underlayment. Also Classified in accordance with ASTM D3161/D3161M, Class A. Also Classified in accordance with ASTM D3462/D3462M.

Asphalt glass fiber mat shingles- "Royal Sovereign®", "Sentinel®", "Timberline® HD", "Timberline® Natural Shadow", "Timberline® Ultra HD", "Timberline® Cool Series", "American Harvest", "Fortitude™", "Marquis® WeatherMax®", "Grand Canyon™", "Grand Sequoia®", "Grand Sequoia® IR", and "Camelot®" for installation as Class A prepared roof covering when used with minimum Type 30 underlayment over existing wood shingle roof.

Asphalt glass mat hip and ridge shingles- "Timbertex Hip and Ridge" for installation as Class A prepared roof covering. Also been evaluated in accordance with ASTM D3161/D3161M, Class F when Henkel "PL Roofing and Flashing Sealant" or Sonneborn "NP1 Gun-Grade Polyurethane Sealant" is applied as specified in manufacturer's application instructions." Also Classified in accordance with ASTM D3462/D3462M.

"Z-Ridge" for installation as Class A prepared roof coverings.

"Seal-A-Ridge® ArmorShield™" and "Seal-A-Ridge® IR" for installation as Class A prepared roof coverings. Also been evaluated in accordance with ASTM D3161/D3161M, Class A. Also Classified in accordance with ASTM D3462/D3462M.

"Seal-A-Ridge®" for installation as Class A prepared roof coverings. Also been evaluated in accordance with ASTM D3161/D3161M, Class F when Henkel Corp. "Loctite PL S30 Roof & Flashing Sealant" is applied as specified in manufacturer's application instructions. Also Classified in accordance with ASTM D3462/D3462M.

[Last Updated](#) on 2016-05-18

[Questions?](#)

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phone 9-1-161.pdf

Examiner Date Time Stamp Dep. Trade Stamp Name

Boaz Smeky 9/1/2016 1:20:54 PM A ROOF Approved

----- MIAMI-DADE COUNTY -----

REQUIRED OWNERS NOTIFICATION FOR ROOFING CONSIDERATIONS

It is the responsibility of the roofing contractor to provide the owner with the required roofing permit, and to explain to the owner the content of this form. The owner's initials in the designated space indicates that the item has been explained.

☒ **1. Aesthetics-workmanship:** The workmanship provisions of Chapter 15 (High Velocity Hurricane Zone) are for the purpose of providing that the roofing system meets the wind resistance and water intrusion performance standards. Aesthetics (appearance) are not a consideration with respect to workmanship provisions. Aesthetic issues such as color or architectural appearance, that are not part of a zoning code, should be addressed as part of the agreement between the owner and the contractor.

☒ **2. Renailing wood decks:** When replacing roofing, the existing wood roof deck may have to be renailed in accordance with the current provisions of Chapter 16 (High Velocity Hurricane Zones) of the Florida Building Code. (The roof deck is usually concealed prior to removing the existing roof system).

☒ **3. Common roofs:** Common roofs are those which have no visible delineation between neighboring units (i.e. townhouses, condominiums, etc.). In buildings with common roofs, the roofing contractor and/or owner should notify the occupants of adjacent units of roofing work to be performed.

☒ **4. Exposed ceilings:** Exposed, open beam ceilings are where the underside of the roof decking can be viewed from below. The owner may wish to maintain the architectural appearance; therefore, roofing nail penetrations of the underside of the decking may not be acceptable. The owner provides the option of maintaining this appearance.

☒ **5. Ponding water:** The current roof system and/or deck of the building may not drain well and may cause water to pond (accumulate) in low-lying areas of the roof. Ponding can be an indication of structural distress and may require the review of a professional structural engineer. Ponding may shorten the life expectancy and performance of the new roofing system. Ponding conditions may not be evident until the original roofing system is removed. Ponding conditions should be corrected.

☒ **6. Overflow scuppers (wall outlets):** It is required that rainwater flow off so that the roof is not overloaded from a build up of water. Perimeter/edge walls or other roof extensions may block this discharge if overflow scuppers (wall outlets) are not provided. It may be necessary to install overflow scuppers in accordance with the requirements of: Chapter 15 and 16 herein and the *Florida Building Code, Plumbing*.

☒ **7. Ventilation:** Most roof structures should have some ability to vent natural airflow through the interior of the structural assembly (the building itself). The existing amount of attic ventilation shall not be

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Owner's/Agent's Signature:

[Signature]

Date:

/ /

Examiner's Signature:

Permit Number:

Basic Stamp: 9/1/2016 12:20:54 PM A

Property Address:

[Handwritten Address]

OWNER'S AFFIDAVIT OF EXEMPTION

ROOF TO WALL CONNECTION HURRICANE MITIGATION RETROFIT FOR EXISTING SITE-BUILT SINGLE FAMILY RESIDENTIAL STRUCTURES PURSUANT TO SECTION 553.844 F.S.

To: Miami-Dade County Building & Neighborhood Compliance Department
11805 Coral Way, Suite 111
Miami, FL 33175

Re: Owner's Name

maxwell

Property Address

9435 NW 31 CT.

Roofing Permit Number _____

Dear Building Official:

I Yame Maxwell certify that I am not required to retrofit the roof to wall connections of my building because:



The just valuation for the structure for purposes of ad valorem taxation in less than \$300,000.00.



The building was constructed in compliance with the provisions of the Florida Building Code (FBC) or with the provisions of the 1994 edition of the South Florida Building Code (1994 SFBC).

X Yame Maxwell
Signature of Property Owner

Print Name _____

STATE OF FLORIDA COUNTY OF MIAMI-DADE

Sworn to and subscribed before me this 31
day of August, 2016

(SEAL)



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Personal or Produced Identification
phone 9-1-161.pdf

Permit Records Section
Scanned by [Signature]
Date _____

Examiner When the just valuation of the structure for purposes of ad valorem taxation is equal to or more than \$300,000.00, and the building was not constructed in compliance with the FBC nor with 1994 SFBC, and affidavit of Roof to Wall Connection Hurricane Mitigation Retrofit must be provided.
Basic Sundry 9/1/2016 1:20:54 PM A ROCK Approved

Florida Building Code 5th Edition (2014)

High-Velocity Hurricane Zone Uniform Permit Application Form.

Section A (General Information)

Master Permit No. _____ Process No. _____

Contractor's Name EXCLUSIVE

Job Address 8435 NW 31CT

☒ Low Slope
☒ Asphaltic Shingles

ROOF CATEGORY
☐ Mechanically Fastened Tile
☐ Metal Panel/Shingles
☐ Prescriptive BUR-RAS 150

☐ Mortar/Adhesive Set Tiles
☐ Wood Shingles/Shakes

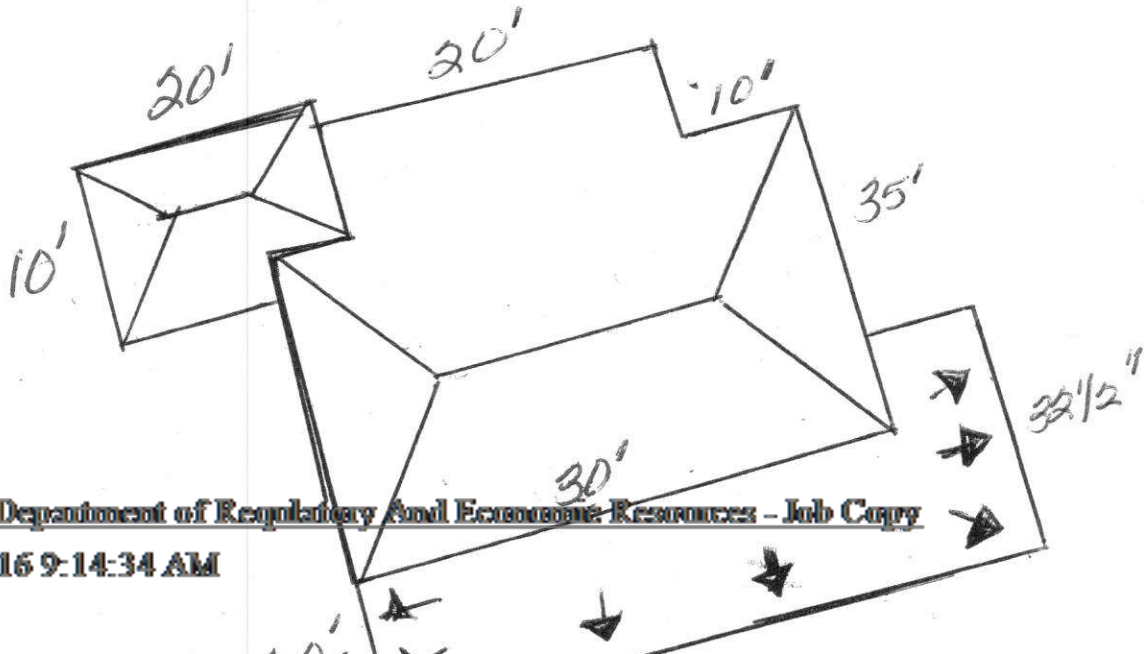
☐ New roof ☒ Repair

ROOF TYPE
☐ Maintenance ☐ Reroofing ☐ Recovering

ROOF SYSTEM INFORMATION
Low Slope Roof Area (SF) 1200 Steep Sloped Roof AREA (SSF) 1400 Total (SF) 2600

Section B (Roof Plan)

Sketch Roof Plan: Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels, clearly identify dimensions of elevated pressure zones and location of parapets.



~~Miami Dade County Department of Regulatory And Economic Resources - Job Copy~~

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plans 9-1-161.pdf

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Florida Building Code Edition 2010
High Velocity Hurricane Zone Uniform Permit Application Form

Section C (Low Sloped Roof System)

Fill in Specific Roof Assembly Components
and Identify Manufacturer
(If a component is not used, identify as "NA")

System Manufacturer: Gar MC

NOA No.: 14-1030.02

Design Wind Pressures, From RAS 128 or Calculations:

Pmax1: 42 Pmax2: 71 Pmax3: 108

Max. Design Pressure, From the Specific NOA

System: -52.5

Deck:

Type: Plywood

Gauge/Thickness: 5/8" min

Slope: 1/8.12

2 PLIES SIMULTANEOUS 75# BASE

Anchor/Base Sheet Fastener/Bonding Material:

1/4" R2 COIL 1 7/8" TC

Insulation Base Layer:

Base Insulation Size and Thickness:

Base Insulation Fastener/Bonding Material:

Top Insulation Layer:

Top Insulation Size and Thickness: N/A

Top Insulation Fastener/Bonding Material:

Base Sheet(s) & No. of Ply(s):

Base Sheet Fastener/Bonding Material:

Ply Sheet(s) & No. of Ply(s):

Ply Sheet Fastener/Bonding Material:

Top Ply: Gar Rubberoid HVR 170 F/R

Top Ply Fastener/Bonding Material:

Fastener Spacing for Anchor/Base Sheet
Attachment

Field: 9" oc @ Lap, # Rows 2 @ 9" oc

Perimeter: 6" oc @ Lap, # Rows 4 @ 6" oc

Corner: 6" oc @ Lap, # Rows 4 @ 6" oc

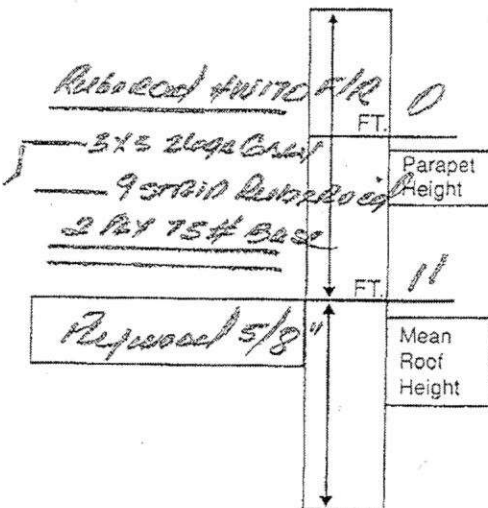
Number of Fasteners Per Insulation
Board

Field: _____ Perimeter: N/A Corner: _____

Illustrate Components Noted and
Details as Applicable:

Woodblocking, Gutter, Edge Termination,
Stripping, Flashing, Continuous Cleat, Cant
Strip, Base Flashing, Counter- Flashing,
Coping, Etc.

Indicate: Mean Roof Height, Parapet Height,
Height of Base Flashing, Component Material,
Material Thickness, Fastener Type, Fastener
Spacing or Submit Manufacturers Details that
Comply with RAS 111 and Chapter 16.



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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786)315-2590 F (786) 315-2599

www.miamidade.gov/economy

GAF
1 Campus Drive
Parsippany, NJ 07054

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF Ruberoid® Modified Bitumen Roof System for Wood Decks.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 14-0611.01 and consists of pages 1 through 30.

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ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Modified Bitumen
Material: APP/SBS
Deck Type: Wood
Maximum Design Pressure: -75 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Matrix™ 102 SBS Membrane Adhesive	5 gallons	ASTM D3019	Fiber reinforced rubberized cold-applied adhesive for modified bitumen roof systems.
GAFLAS® #75 Base Sheet	39.37" (1 meter) Wide	ASTM D4601	Type II asphalt impregnated and coated glass mat base sheet.
GAFLAS® #80 Ultima™ Base Sheet	39.37" (1 meter) Wide	ASTM D4601	Type II asphalt impregnated and coated, fiberglass base sheet.
GAFLAS® FlexPly™ 6	39.37" (1 meter) Wide	ASTM D2178	Type VI asphalt impregnated glass felt with asphalt coating.
GAFLAS® Ply 4	39.37" (1 meter) Wide	ASTM D2178	Type IV asphalt impregnated glass felt with asphalt coating.
GAFLAS® Mineral Surfaced Cap Sheet	39.37" (1 meter) Wide	ASTM D3909	Asphalt coated, glass fiber mat cap sheet surfaced with mineral granules.
GAFLAS® EnergyCap™ BUR Mineral Surface Cap Sheet	39.37" (1 meter) Wide	ASTM D3909	Asphalt coated, glass fiber mat cap sheet surfaced with mineral granules with factory applied EnergyCote™
GAFLAS® Stratavent® Eliminator™ Perforated Venting Base Sheet	39.37" (1 meter) Wide	ASTM D4897	Fiberglass base sheet coated on both sides with asphalt. Surfaced on the bottom side with mineral granules embedded in asphaltic coating with factory perforations.
GAFLAS® Stratavent® Eliminator™ Perforated Nailable Venting Base Sheet	39.37" (1 meter) Wide	ASTM D4897	A nailable, fiberglass base sheet coated on both sides with asphalt. Surfaced on the bottom side with mineral granules embedded in asphaltic coating.
Ruberoid® SBS Heat-Weld™ Smooth	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with polymer-modified asphalt and smooth surfaced.
Ruberoid® SBS Heat-Weld™ Granule	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with polymer-modified asphalt and surfaced with mineral granules.
RoofMatch™ SBS Modified Granular	107 sq. ft. (9.9 m2)	ASTM D6164	Non-woven polyester mat coated with SBS polymer-modified asphalt and surfaced with colored mineral granules.
Ruberoid® SBS Heat-Weld™ Fire Retardant	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with fire retardant polymer-modified asphalt and surfaced with mineral granules.

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<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Ruberoid® SBS Heat-Weld™ Plus	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with polymer-modified asphalt and surfaced with mineral granules.
Ruberoid® SBS Heat-Weld™ Plus FR	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with fire retardant polymer-modified asphalt and surfaced with mineral granules.
Ruberoid® EnergyCap™ SBS Heat-Weld™ Plus FR	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with fire retardant polymer-modified asphalt and surfaced with mineral granules and with factory applied EnergyCote.
Ruberoid® SBS Heat-Weld™ 25	39.37" (1 meter) Wide	ASTM D6163	Non-woven polyester mat coated with polymer-modified asphalt and smooth surfaced.
Ruberoid® Mop Granule	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with polymer-modified asphalt and surfaced with mineral granules.
Ruberoid® Mop Smooth	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with polymer-modified asphalt and smooth surfaced.
Ruberoid® Mop Plus	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with polymer-modified asphalt and surfaced with mineral granules.
Ruberoid® Mop 170FR	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with fire retardant polymer modified asphalt and surfaced with mineral granules.
Ruberoid® Mop FR	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with fire retardant polymer-modified asphalt and surfaced with mineral granules.
Ruberoid® Torch Smooth	39.37" (1 meter) Wide	ASTM D6222	Non-woven polyester mat coated with APP modified asphalt and smooth surfaced.
Ruberoid® Torch Granule	39.37" (1 meter) Wide	ASTM D6222	Non-woven polyester mat coated with APP modified asphalt and surfaced with mineral granules
Ruberoid® EnergyCap™ Torch Granule FR	39.37" (1 meter) Wide	ASTM D6222	APP modified cap membrane with a torch grade bottom surface and a mineral granular top surface coated with factory applied EnergyCote™.
Ruberoid® EnergyCap™ Torch Granule Plus FR	39.37" (1 meter) Wide	ASTM D6222	APP modified cap membrane with a torch grade bottom surface and a mineral granular top surface coated with factory applied EnergyCote™.
RoofMatch™ APP Modified Granular	107 sq. ft. (9.9 m2)	ASTM D6222	Non-woven polyester mat coated with APP polymer modified asphalt and surfaced with colored mineral granules.
Ruberoid® Torch FR	1 meter (39.37") Wide	ASTM D6222	Non-woven polyester mat, coated with fire retardant asphalt modified bitumen membrane with granule surface.

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<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Ruberoid® 20	1 meter (39.37") Wide	ASTM D6163	SBS modified asphalt base sheet reinforce with a glass fiber mat.
Ruberoid® 30	1 meter (39.37") Wide	ASTM D6163	Non-woven fiberglass mat coated with polymer modified asphalt and surfaced with mineral granules.
Ruberoid® 30 FR	1 meter (39.37") Wide	ASTM D6163	Non-woven fiberglass mat coated with fire retardant, polymer-modified asphalt and surfaced with mineral granules.
Ruberoid® EnergyCap™ 30 FR SBS Membrane	1 meter (39.37") Wide	ASTM D6163	Non-woven fiberglass mat coated with fire retardant, polymer-modified asphalt and surfaced with mineral granules and with factory applied EnergyCote.
Ruberoid® Dual FR	39.37" (1 meter) Wide	ASTM D6162	Non-woven polyester and fiberglass mat coated with fire retardant, polymer-modified asphalt and surfaced with mineral granules.
Topcoat® Elastomeric Roofing Membrane	1, 5 or 55 gallons	ASTM D6083	An acrylic, water based elastomeric membrane system designed to protect various types of roofing surfaces.
Topcoat® MB Plus	5 or 55 gallons	Proprietary	Water based, low VOC primer used to block asphalt bleed-through.
Topcoat® Surface Seal SB	5 gallons	ASTM D6083	Solvent based sprayable thermoplastic rubber sealant designed to protect and restore aged roof surfaces and to increase a roof's reflectivity.
FireOut™ Fire Barrier Coating	5, 55 gallons	Proprietary	Low VOC, water-based fire barrier coating.
VersaShield® Fire-Resistant Roof Deck Protection	42" x 100' rolls	ASTM D226	Non-Asphaltic, fire resistant fiberglass-based underlayment.

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APPROVED INSULATIONS:

Product Name	Table 2 Product Description	Manufacturer (With Current NOA)
EnergyGuard™ Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RA Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RN Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ Perlite Recover Board	Perlite recover board	GAF
EnergyGuard™ Perlite Roof Insulation	Perlite roof board	GAF
EnergyGuard™ RA Composite Polyiso Insulation	Polyisocyanurate/wood fiberboard or perlite composite	GAF
Structodek® High Density Fiber Board	High density wood fiber	Blue Ridge FiberBoard, Inc.
Securock® Gypsum-Fiber Roof Board	Gypsum board	United States Gypsum Corp.

APPROVED FASTENERS:

Fastener Number	Product Name	TABLE 3 Product Description	Dimensions	Manufacturer (With Current NOA)
1.	Drill-Tec™ #12 Fastener	Carbon steel fastener used in steel or wood decks.	Various	GAF
2.	Drill-Tec™ #14 Fastener	Carbon steel fastener used in steel, wood or concrete decks.	Various	GAF
3.	Drill-Tec™ XHD Fastener	Carbon steel extra heavy duty fastener used in steel decks.	Various	GAF
4.	Drill-Tec™ AccuTrac® Flat Plate	AZ-SS aluminized steel plate for use with Drill-Tec™ #12 Fastener, Drill-Tec™ #14 Fastener and Drill-Tec™ #15 Fastener.	3" x 3"	GAF
5.	Drill-Tec™ ASAP 3S	Drill-Tec™ #12 fastener with Drill-Tec™ 3"	Various	GAF
6.	Drill-Tec™ AccuTrac® Recessed Plate	Standard Steel Plate. Galvalume Steel plate for use with Drill-Tec™ fasteners.	3" x 3"	GAF
7.	Drill-Tec™ 3" Steel Plate	Round galvalume steel stress plate for use with Drill-Tec™ fasteners.	3"	GAF
8.	Drill-Tec™ 3" Standard Steel Plate	Round galvalume plated steel stress plate with reinforced ribs for use with Drill-Tec™ fasteners.	3"	GAF

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EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>
Factory Mutual Research Corp.	3001276	FMRC 4470	01/28/99
	1B9A8.AM	FMRC 4470	09/04/97
	3D4Q2.AM	FMRC 4470	04/30/97
	0D1A8.AM	FMRC 4470	04/01/98
Underwriters Laboratories	R1306	UL 790	07/22/13
Trinity Engineering	4483.04 97-1	TAS 114	06/06/97
IRT-ARCON Inc.	02-005	TAS 114	03/01/02
	02-014	TAS 114	04/08/02
	01-039	TAS 114	03/01/02
Trinity ERD	G30250.02.10-2	ASTM D6222	11/11/10
	G30250.02.10-3-R2	ASTM D3909	06/03/15
	G31360.03.10	ASTM D6164	03/31/10
	G33470.01.11	ASTM D6164	01/13/11
	G34140.04.11-2	ASTM D6163	04/25/11
	G34140.04.11-4-R2	ASTM D4601	6/4/2015
	G34140.04.11-5-R3	ASTM D4897	6/4/2015
	G40620.07.12-2	ASTM D6222	07/17/12
	G40630.01.14-1	ASTM D6163	01/06/14
	G40630.01.14-2A	ASTM D5147	01/07/14
	G40630.01.14-2A-1-R1	ASTM D6164	04/10/14
	G40630.01.14-2B-R1	ASTM D6164	01/16/15
	G40630.01.14-2C	ASTM D6164	01/07/14
	G40630.03.14	ASTM D5147	03/06/14
	G43190.03.14-1	ASTM D5147	03/06/14
	G43190.03.14-2	ASTM D5147	03/06/14
	G43190.05.14-R1	ASTM D5147	05/20/14
	G43190.11.13-1	ASTM D6222	11/15/13
	G43610.01.14	ASTM D5147	01/22/14
	G46160.02.15-2D	ASTM D6163	02/03/15
	G46160.03.15	ASTM D6163	03/11/15
	G46160.09.14-2A	ASTM D5147	09/09/14
	G46160.09.14-3A	ASTM D6164	09/09/14
	G46160.09.14-3B	ASTM D6164	09/09/14
	G46160.09.14-3C	ASTM D5147	09/09/14
	G46160.12.14-3E	ASTM D6164	12/29/14
	G6850.08.08	ASTM D6163	08/01/08
	G6850.08.08-R1	ASTM D6164	04/14/11
	G6850.10.08	ASTM D6222	10/06/08
	G6850.11.08	ASTM D6222	02/17/09
			09/04/14

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EVIDENCE SUBMITTED: (CONTINUED)

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>
PRI Construction Technologies LLC.	GAF-084-02-01	ASTM D6083	07/08/05
	GAF-122-02-01	TAS 139	05/07/06
	GAF-245-02-01	ASTM D6083	06/10/10
	GAF-276-02-01Rev	ASTM E2178	01/04/11
		ASTM D6083	
	GAF-306-02-01	ASTM E96	07/07/11
	GAF-314-02-01	ASTM D2178	08/23/11
	GAF-315-02-01	ASTM D2178	08/23/11
	GAF-369-02-01	ASTM C1289	10/22/12
	GAF-464-02-01	ASTM C1289	02/06/14
	GAF-499-02-01	ASTM D6083	03/12/14
	GAF-500-02-01	ASTM D6083	03/12/14
Momentum Technologies, Inc.	AX04C9A	ASTM D6162	06/05/09

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Membrane Type: APP/SBS Heat Weld
Deck Type 1: Wood, Non-insulated
Deck Description: 19/32" or greater plywood or wood plank decks
System Type E(2): Base sheet mechanically fastened.

All General and System Limitations shall apply.

Fire Barrier: FireOut™ Fire Barrier Coating, VersaShield® Fire-Resistant Roof Deck
(optional) Protection or Securock® Gypsum-Fiber Roof Board.

Base sheet: GAFGLAS® #80 Ultima™ Base Sheet, GAFGLAS® Stratavent® Eliminator™
Nailable Venting Base Sheet, Ruberoid® Mop Smooth, Ruberoid® 20, Ruberoid®
SBS Heat-Weld™ Smooth or Ruberoid® SBS Heat-Weld™ 25 mechanically
fastened to deck as described below;

Fastening Options: GAFGLAS® Ply 4, GAFGLAS® FlexPly™ 6, GAFGLAS® #75 Base Sheet or any
of above base sheets attached to deck with approved annular ring shank nails and
tin caps at a fastener spacing of 9" o.c. at the lap staggered and in two rows 12"
o.c. in the field.

(Maximum Design Pressure -45 psf. See General Limitation #7)

GAFGLAS® Ply 4, GAFGLAS FlexPly™ 6, GAFGLAS® #75 Base Sheet or any
of above base sheets attached to deck with Drill-Tec™ #12 Fastener, Drill-Tec™
#14 Fastener or Drill-Tec™ XHD Fastener and Drill-Tec™ 3" Steel Plate, Drill-
Tec™ AccuTrac® Flat Plate or Drill-Tec™ AccuTrac® Recessed Plate installed
12" o.c. in 3 rows. One row is in the 2" side lap. The other rows are equally
spaced approximately 12" o.c. in the field of the sheet.

(Maximum Design Pressure -45 psf. See General Limitation #7)

2 Pies
1
GAFGLAS® FlexPly™ 6, GAFGLAS® #75 Base Sheet or any of above base
sheets attached to deck with approved annular ring shank nails and tin caps at a
fastener spacing of 9" o.c. at the 4" lap staggered and in two rows 9" o.c. in the
field.

(Maximum Design Pressure -52.5 psf. See General Limitation #7)

GAFGLAS® #80 Ultima™ Base Sheets, Ruberoid® 20, Ruberoid® Mop Smooth,
base sheet attached to deck with approved annular ring shank nails and tin caps at
a fastener spacing of 9" o.c. at the 4" lap staggered and in two rows 9" o.c. in the
field.

(Maximum Design Pressure -60 psf. See General Limitation #7)

GAFGLAS® #75 Base Sheet or any of above base sheets attached to deck with
Drill-Tec™ #12 Fastener, Drill-Tec™ #14 Fastener or Drill-Tec™ XHD Fastener
and Drill-Tec™ 3" Steel Plate, Drill-Tec™ AccuTrac® Flat Plate or Drill-Tec™
AccuTrac® Recessed Plate installed 12" o.c. in 4 rows. One row is in the 2" side
lap. The other rows are equally spaced approximately 9" o.c. in the field of the
sheet.

(Maximum Design Pressure -60 psf. See General Limitation #7)

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Fastening
Options:
(Continued)

~~Ply Sheet:~~

Membrane:

Any of above base sheets attached to deck approved annular ring shank nails and 3" inverted Drill-Tec™ insulation plates at a fastener spacing of 9" o.c. at the 4" lap staggered in two rows 9" in the field.

(Maximum Design Pressure -60 psf. See General Limitation #7)

GAFGlas® #75 Base Sheet or any of above base sheets attached to deck with Drill-Tec™ #12 Fastener, Drill-Tec™ #14 Fastener or Drill-Tec™ XHD Fastener and Drill-Tec™ 3" Steel Plate, Drill-Tec™ AccuTrac® Flat Plate or Drill-Tec™ AccuTrac® Recessed Plate installed 8" o.c. in 4 rows. One row is in the 2" side lap. The other rows are equally spaced approximately 9" o.c. in the field of the sheet.

(Maximum Design Pressure -75 psf. See General Limitation #7)

(Optional except over Ruberoid® Mop Smooth, Ruberoid® 20, Ruberoid® SBS Heat-Weld™ Smooth or Ruberoid® SBS Heat-Weld™ 25) One or more plies GAFGlas® Ply 4 or GAFGlas® FlexPly™ 6 sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. or Ruberoid® Torch Smooth torch applied according to manufacturer's application instructions.

One ply of Ruberoid® Torch Smooth, Ruberoid® Torch Granule, RoofMatch™ APP Modified Granular, Ruberoid® EnergyCap™ Torch Granule FR, Ruberoid® EnergyCap™ Torch Plus FR, or Ruberoid® Torch FR torch applied according to manufacturer's application instructions.

Or

One or more plies of Ruberoid® SBS Heat-Weld™ Plus, Ruberoid® SBS Heat-Weld™ Plus FR, Ruberoid® SBS Heat-Weld™ 170 FR, Ruberoid® EnergyCap™ SBS Heat-Weld™ Plus FR, Ruberoid® SBS Heat-Weld™ Granule, Ruberoid® SBS Heat-Weld™ Smooth and Ruberoid® SBS Heat-Weld™ 25 applied according to manufacturer's application instructions.

Surfacing:

Optional on granular surfaced membranes; required for smooth membranes. Chosen components must be applied according to manufacturer's application instructions. All coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of Approved asphalt at 60 lbs./sq.
2. GAFGlas® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or GAFGlas® EnergyCap™ BUR Mineral Surfaced Cap Sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.
3. Topcoat® Membrane, Topcoat® MB Plus (to be used as a primer with Topcoat® Membrane) or Topcoat® Surface Seal SB applied at 1 to 1.5 gal./sq.

Maximum Design
Pressure:

See Fastening Options

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WOOD DECK SYSTEM LIMITATIONS:

1. A slip sheet is required with GAFGLAS® Ply 4 and GAFGLAS® FlexPly™ 6 when used as a mechanically fastened base or anchor sheet.
2. Minimum ¼" DensDeck® Roof Board or ½" Type X gypsum board is acceptable to be installed directly over the wood deck.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer.
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each side lap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq. **Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.**
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida Registered Engineer, Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**

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Building Code and Rule 61G20-3 of the Florida Administrative Code.

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END OF THIS ACCEPTANCE

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Base Sheet: — One or more plies Type G2 "GAFGLAS® #75 Base Sheet" or "Tri-Ply® #75 Base Sheet" or Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® Mineral Surfaced Cap Sheet" hot mopped or mechanically fastened.
Ply Sheet (Optional): — One or more plies Type G1, hot mopped in place.
Membrane: — One ply "Ruberoid® Torch Smooth" or "Ruberoid® Mop Smooth" or "Ruberoid® Mop Smooth 1.5" or "Ruberoid® Mop Smooth Plus" or "Ruberoid® Dual Smooth."
Membrane: — One ply "Ruberoid® Mop FR" or "Ruberoid® EnergyCap™ Mop FR."

55. Deck: NC

Incline: 1

Insulation (Optional): — Polyisocyanurate, wood fiber, perlite, glass fiber, any thickness, hot mopped or mechanically fastened.
Base Sheet: — One or more plies Type G2 "GAFGLAS® #75 Base Sheet", or "Tri-Ply® #75 Base Sheet", mechanically fastened.
Ply Sheet: — One or more plies "Ruberoid® 20" or "Ruberoid® 20 HT" or "Ruberoid® Dual Smooth" hot mopped in place.
Membrane: — One ply "Ruberoid® SBS Heat Weld Plus FR" or "Ruberoid® SBS Heat Weld 170 FR" heat welded in place.

56. Deck: C-15/32

Incline: 1/2

Base Sheet: — Two or more plies Type G2 "GAFGLAS® #75 Base Sheet" or "Tri-Ply® #75 Base Sheet" mechanically fastened.
Membrane: — One ply "Ruberoid® SBS Heat Weld Plus FR" or "Ruberoid® SBS Heat Weld 170 FR" heat welded in place.

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